



Presidents Message

Our New SBARA 2001 President—Mike AB6CV

Whew! That was quite an election. I am pleased to be elected as your new President for 2001.

The January meeting was a little disorganized since all the Officers were not all in place yet. We are struggling to find a Secretary now that I've been bumped up to President. Things happened pretty fast this last month, my head is still spinning a bit. Everything should be back to normal in February. (I hope.) As I said at the meeting and I would like to reiterate. Thanks go out to all of last years Officers! They really did a great job. I hope to keep up the energy level.

I want to expose our membership to as many facets of ham radio as I can in the coming year. There are a lot of different things you can do with ham radio.

I have tried many of them over my 25 years as a ham. It's really nice to be able to tailor the ham hobby around your own interests.

You can make it a totally different hobby from day to day if you want. One day you can be doing 2m voice and the next day you can be on a Transmitter hunt. Or perhaps doing some microwave hilltopping. Maybe you aspire to be a TV star? You could hop on Amateur TV. And all the digital modes really provide diversity.

With all the power outages lately in our area I thought it would be a good time to get someone to do a presentation on alternate power sources. So if you know anyone with experience in that area let me know.

Thanks for voting for me. I'll see you at the meetings.
Mike AB6CV

Happy Valentines Day 2001

February Program Announcement

The Program for our February meeting will be entitled "Propagation Basis."

Our Programs Chairman Al Rendon will be presenting this topic and you are invited to join in the discussion. The meeting begins at 7:30 PM at our usual meeting place in Fremont on February 21, 2001.

What's In This Issue

President's Message	1
February Program Announcement	1
SBARASAT WebSite Launches	2
GPSINIT/MiniTracker	2
GPSINIT/MiniTracker Design Photos	3
Valley Of The Moon	3
Fremont Communications Volunteers	3
SBARA Meeting Programs	5
Bill Orr W6SAI—SK	6
Leadership Team	6

GPSINIT/MiniTracker Workshop By — James Lee N1DDK

The GPSINIT/Tiny Tracker Workshop will be held Saturday February 24, 2001 from 1-4 PM at the Fremont community center (where we have the meetings). The actual cost of all the parts can to \$54.84 so if your deposit was less than \$55, please bring the balance to \$55 at the time of the workshop.

What you will need to bring:

- Yourself!
- Small Wire cutters
- Small Screwdriver
- Small needle nose pliers

Optionally bring:

- Solder and fine tipped soldering Iron (if you have it, if not see below)
- Your Tiny Tracker GPS
- Your Radio
- A connector for your radio.
- Wire to make a radio cable.
- Any other of your fine tools you like to use with electronics, Magnifiers etc.
- A Floppy if you would like to make a copy of the software.

What will be provided:

- Complete kit, including hardware (no case), and a connector for the TNC end of the TNC/Radio cable.
- A Computer/tracker cable.
- Several assistants!
- Experienced solderers with soldering stations.
- A computer station set up to program the trackers.
- A radio with cable for on air testing of the trackers.

The general flow of the workshop will be:

- Distribution of materials, Collections of funds.
- Brief introduction.
- Self paced assemble, Bring your work to one of the soldering stations if you want help with the soldering.
- Bring your work to the programming station for setup.
- Finally on air testing!

GPSINIT/MiniTracker Advance Workshop Information By — James

I would also like to alert all of you to the Advance workshop, Sunday February 11, 10:00 AM to 2:00 PM. In the Garage of the QTH of N1DDK. Call or ask for directions. I have several folding tables we will set up for the advance workshop. ALL are invited to attend the advance workshop.

At the advance workshop we will:

- Prepare and Kit the parts for the workshop.

- Assemble and test our own units.

- Verify the assembly instructions.

- Become prepared to help others at the main workshop.

Please **RSVP** for the advanced workshop. All are welcome, even if you are not an expert, and just willing to help. I don't know how long it will take us to prepare and kit the parts, so just come by when you can.

*** There are a few spare kits, so last minute sign ups are possible!!!

*** Sanjay reports there is a flea market source for the Tiny Tracker GPS for around \$30, so you might not be out of luck!

*** Rudi Reports there was a surplus store in Sunnyvale with the MiTac GPS.

GPSINIT/MiniTracker Design Photos By — James Lee N1DDK

To see the Mini Tracker main PCB, Front Panel, Connector, and the functional front panel assembly go to page 3 for those details....

sbarasat.org WebSite Takes Off By — Bill Artelt—WB9YVM

The SBARASAT WebSite has "launched" into it's first phase. Take a few moments to look at the new WebSite at: URL—www.sbarasat.org

If you would like to Contact the gang at SBARASAT you may do so by sending email to satellite@sbarasat.org If

you have any ideas for the WebSite please send along you ideas anytime! Looking forward to our LAUNCH

**Photos of SBARASAT Main PCB &
SBARASAT Actual Packet Data. See
SBARASAT for more details! ———>**



Valley Of The Moon ARC Hamfest, Saturday, April 28

The Valley of the Moon Amateur Radio Club, W6AJF, is holding its annual ARRL Hamfest Saturday, April 28, 2001, from 8 a.m. to noon. The hamfest will be held at the Sonoma Valley Veteran's Memorial Building, 126 First Street West, Sonoma, California, just one block north of the central Sonoma Plaza. Anyone with a road map can easily find Sonoma by following Highway 12, which passes through the center of town in front of the Plaza. Admission is free to the hamfest, and hams are encouraged to bring the entire family. After the hamfest they can take a short walk to the center of town and visit the historic Sonoma Mission and Barracks and the many shops and restaurants surrounding the Plaza.

The event will include a walk-in V.E. exam session with registration starting at 9 a.m. Testing for all license elements begins at 10 am. There will be an electronics swap meet with both indoor and outdoor spaces available.

Set up will start at 7 a.m. with spaces renting for \$10. Space will be made available at no charge for amateur radio organizations for informational tables and displays.

The club will serve a full breakfast from 8 to 10 a.m., including eggs, pancakes, sausage, juice and coffee or tea for \$5.

Forums will include an operating QRP station, display of homebuilt equipment and a beginner's D.F. hunt. VOMARC will be participating in the QRP To The Field contest, which will run during the hamfest. Guest operators are cordially invited to sit in and take a turn operating the club station. For a map and printed directions to the hamfest, send a business size SASE to VOMARC, 358 Patten St., Sonoma, CA 95476. Talk-in will be on 145.35, -600, with a PL of 88.5.

For more information call Darrel, WD6BOR at 707-996-4494.

GPSINIT/MiniTracker Design Photos By — James Lee N1DDK

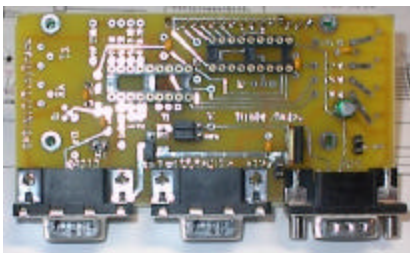


Figure 1 Mini Tracker

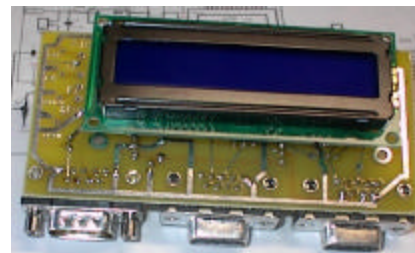


Figure 2 Mini Tracker LCD



Figure 3 Mini Tracker LCD Connector



Figure 4 Mini Tracker LCD panel (functional)

Fremont Communications Volunteers

By Andy Mascsak—WD6CJK

1. Meeting

The meeting began at 19:40. Present were Andy Mascsak WD6CJK, Wayne Springsteen WA6AWI, Mike Fung WA6AWI, Wayland Louie KB6UOK, Jim Wood KE6IVA, and Steve Bassett KQ6VH

Introduction of New EC – Andy Mascsak WD6CJK introduced himself as the new EC for Fremont

2. Agency Reports

Alameda County District – Andy reviewed the meeting held on 1/13/2001. The new DEC Jim Latham KE6QJV was introduced. The need to get RACES planned filed with the respective cities was discussed. The re invention of the county net was conducted. A new schedule for each city to handle a week has been sent out.

RACES Plan – The goal for 2001 is to get a RACES plan in place with the City of Fremont

CERT Teams – Two city wide drills will be held 1/27/01 and 4/7/01

Fire Dept. – No report

Hospitals – The hospital drill was held on 1/24/01. On 4/18/01 a state wide hospital drill will be held. The coax at Washington Hospital needs to be repaired Jim and Wayne will look into getting this done before the next meeting.

Police Dept. – Those who have not returned their DSW forms need to do so. The EC accomplished this at the meeting. This is a good thing. The work order for our power drop was lost. Jim will get this re-filed this month. Wayland will send in the broken Kenwood radio for repair before the end of the month.

Red Cross – No Report

Schools – Bill Stanley was unable to attend.

3. Old Business

Volunteer time reporting - 7TH of each month is the deadline. Janet has asked that volunteer reporting be broken out into 3 categories. Total Hours, Hours On-site, and Baker to Vegas hours.

Net Control Duties - Fremont has the February duty for tri-cities net. Net control operators were solicited and found. Fremont is expect to do the county net on 2/20/2001 with alternate duty on 3/27/2001

Nets in real life – a discussion was held on how nets would work in a real emergency situation. The need to not use the “Script” was discussed since in a real emergency the “Script” would probably not be available. Look for changes in future Tri-cities nets conducted by Fremont.

Telephone tree – Mike Fung will ring a new tree to the February meeting. Changes to its structure will be discussed at that time.

SBARA Workshop(s) – James Lee is putting one together on mini-GPS trackers.

Fremont Communications Volunteers (cont'd.)

By Andy Mascsak—WD6CJK

4. New Business

Mission of FCV – The mission of the FCV was discussed soliciting old and new ideas about our mission. Six Things were identified. These are in order of priority for discussion at future meetings.

1. Power Outages
2. Radio Backbone for the city
3. Landslides and Floods
4. Lost Individuals
5. Fireworks
6. Halloween

5. Meetings and Events

SBARA Meeting – February 21, 2001

Communication Volunteer Meeting – February 28, 2001

6. Adjournment

The meeting was adjourned at 21:05. A short tour of our radio facilities at the police department was held.

The next Communication Volunteer meeting will be held February 28, 2001. The meeting will be held at 7:30 p.m. at the Police Department. Check in to the Tuesday night weekly Net at 7:30 p.m. to get further details on any of the items above.

SBARA Meeting Programs

By Al Rendon—WT6K

MONTH	PROGRAM	PRESENTER	TITLE
FEBRUARY 21	PROPAGATION BASICS	AL RENDON	SBARA MEMBER
MARCH 21	QRP	ERIC SWARTZ	CEO ELECRAFT INC.
APRIL 18	OPEN	OPEN	OPEN
MAY 16	CONTESTING	DON AMYX	SBARA MEMBER
JUNE 20	ALL ABOUT FIELD DAY	ALAN KITTRELL	SBARA MEMBER
JULY 18	ADVANCED T-HUNTING	SYD TO DETERMINE	TBD

SB SPCL ARL ARLX003

ARLX003 Amateur Radio Giant Bill Orr, W6SAI, SK

Amateur Radio legend William I. "Bill" Orr, W6SAI, of Menlo Park, California, died in his sleep January 24. He was 81.

An ARRL member, Orr was best known for his numerous amateur radio books and reference works, many aimed at beginners. His titles include The Radio Handbook, The Beam Antenna Handbook, The Quad Antenna Handbook, The VHF-UHF Manual and The W6SAI HF Antenna Handbook, some written in collaboration with Stu Cowan, W2LX.

Licensed in 1934 at age 15 as W2HCE in New York, Orr graduated in electrical engineering from the University of California in the early 1940s.

In his younger years, Orr was a well-known DX'er and DXCC Honor Roll member. He also was involved in DXExpeditions to various exotic locations, including St Pierre and Miquelon and Monaco, among other locales.

From the 1940s through the 1980s, Orr was a frequent contributor to QST, writing about tube-type amplifiers, Project OSCAR, and other topics. Orr constructed some of the amplifiers once used at ARRL Maxim Memorial Station W1AW.

In 1996, Orr was named the Dayton Hamvention Technical Excellence award winner.

Newark Communications Volunteers

Meeting Minutes from the 1/10/2001 Meeting

Paul Carlin presented material about the Baker to Vegas Challenge Cup Race and the state Office of Emergency Service / Auxiliary Communication Service (OES/ACS). Paul is the ARRL East Bay Section Emergency Coordinator and the Coastal Region Radio Operator for the state Office of Emergency Service.

Paul discussed the race and the value of the race as a training vehicle for emergency communications. In his discussion about the activities of the OES/ACS Paul discussed the effort of unifying the various volunteer groups, including amateur radio and GMRS, and the states long-term goals for communications during a disaster.

Late Breaking News

As many of you already know I'm stepping down as the leader of the Newark Communications Volunteers because of my retirement and relocation this summer. Elise Ciraolo is assuming the leadership and has already received her appointment from the ARRL. I have full confidence in Elise's ability and I know everyone will provide support. I will continue to serve as an Assistant Emergency Coordinator until I move out of the area.

Agenda for the February 14th Meeting

We will be meeting at our regular place and time, the second Wednesday of the month at 7:00 in the basement of the Newark Administration Bldg., 37101 Newark Blvd.

- Elise will be developing an agenda for the meeting.

Robin Kinney — KG6DI

*On the Web at
www.qsl.net/sbara*

Ham Radio to the World and Beyond! .-.-

SBARA Needs You !!!

We still have some positions available for some of our members to volunteer. We still need a Club Secretary. The Secretary duties are really simple....Simply take notes at the Monthly Club and Board meetings. Let Mike know what position you would like at the February meeting.

SBARA Leadership 2001 Officers

President
Mike Struder—AB6CV

Photographer
Vacant

Vice President
Adam Lau — KF6UQS
Nathan Lau - KF6UQR

Webmaster
Tony Flusche—AB6BR
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The Ground Plane

<http://www.qsl.net/sbara>

<http://www.sbarasat.org>

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